

Amendments to Claims

Claims 1-9 (Cancelled)

5.5 C2 >
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~~Claim 10. (Currently Amended): A remote printing system comprising:
a computer including a memory, a processor, and a network port, wherein said computer receives first image information via said network port;
a printing device connected to said computer for generating a printed image from said first image information; and,
a measuring device connected to said computer for generating second image information from said printed image;
wherein said computer generates a quality measurement in response to said second image information said quality measurement being indicative of a variation between said second image information and predetermined reference information and which quality measurement is compared to a threshold.~~

Claim 11. (Original): The remote printing system of Claim 10 wherein said network port is a packet switched network port.

Claim 12. (Original): The remote printing system of Claim 10 wherein said network port includes a protocol stack.

Claim 13. (Original): The remote printing system of Claim 12 wherein said protocol stack is a TCP/IP stack.

Claim 14. (Original): The remote printing system of Claim 10 wherein said network port is a circuit switched communication port.

Claim 15. (Original): The remote printing system of Claim 10 wherein said measuring device is a spectrophotometer.

Claim 16. (Original): The remote printing system of Claim 10 wherein said measuring device is a colorimeter.

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Claim 17. (Original): The remote printing system of Claim 10 wherein said quality measurement is used to generate a quality verification signal.

Claims 18-25 (cancelled)

sub c2 >
Claim 26. (Currently Amended): The method of Claim ~~25~~ 63 herein each predetermined color is predetermined with respect to a platform-independent color space.

Claim 27. (Original): The method of Claim 26 wherein each predetermined color is transferred to the color space of the printing device prior to printing.

Claim 28. (Currently Amended): The method of Claim ~~25~~ 63 wherein each predetermined color is predetermined with respect to the color space of the printing device.

Claim 29. (Currently Amended): The method of Claim ~~24~~ 63 further comprising the step of generating identification information from the digital control information.

Claim 30. (Currently Amended): The method of Claim 29 where the digital reference is a set of predetermined ~~colors~~ colorimetric values, and wherein the step of generating identification information includes the step of determining a sequence of colors from the digital control information with reference to the set of predetermined colors.

Claims 31-33 (Cancelled).

sub c2 >
Claim 34. (Currently Amended): A remote printing system, comprising:
a network port;
a printing device connected to said network port, wherein said printing device receives first image information from said network port and generates a printed image and a corresponding control image;
a measuring device connected to said network port, wherein said measuring device generates second image information from said control image;
wherein said corresponding control image is used to identify the print job of the printed image.

Claim 35. (Currently Amended): The system of Claim 34 wherein the control image information includes a sequence of colors selected from a set of predetermined colors in response to a print job identification number.

Claim 36. (Original): The system of Claim 34 further comprising an image server located remotely from said printing device and said measuring device, said image server provided said first image information.

Claim 37. (Currently Amended): The remote printing system of Claim 36 wherein said image server transmits said first image information data to said printing device; and said measuring device transmits said second image information to said image server.

Claim 38. (Original): The remote printing system of Claim 37 wherein said image server generates print quality information from said second image information.

Claims 39-41 (Cancelled)

Claim 42. (Currently Amended): The system of Claim ~~41~~ 64 wherein each predetermined color is predetermined with respect to a platform-independent color space.

Claim 43. (Currently Amended): The system of Claim ~~41~~ 64 wherein each predetermined color is transferred to the color space of the printing device prior to printing.

Claim 44. (Currently Amended): The system of Claim ~~41~~ 64 wherein each predetermined color is predetermined with respect to the color space of the printing device.

Claim 45. (Currently Amended): A system for remote printing comprising an image server computer adapted for connection to a remote printing station, said server computer having a memory, a processor, and a network port, wherein said image server computer is configured to perform the steps of:

transmitting print job instructions including digital image source information over said network port for printing an image at the remote printing station, said digital image source information including an associated control image that incorporates identification information;

receiving digital image measurement information from the remote printing station corresponding to measurements of the ~~printed~~ control image; and,
identifying a print job associated with said digital image source information from said received digital image measurement information.

Claim 46. (Original): The system of Claim 45 wherein the digital measurement information is used to generate calibration instructions to be sent to the remote printing station.

Claim 47. (Original): The system of Claim 45 wherein the identification information is a sequence of colors selected from a set of predetermined colors.

Claim 48. (Original): The method of Claim 41 wherein each predetermined color is predetermined with respect to a platform-independent color space.

Claim 49. (Original): The method of Claim 41 wherein each predetermined color is transferred to the color space of the printing device prior to printing.

Claim 50. (Original): The method of Claim 45 wherein each predetermined color is predetermined with respect to the color space of the printing device.

Claims 51-59 (Cancelled)

1.6 C27
Claim 60. (New) A remote printing system, comprising:
a network port;
a printing device connected to said network port, wherein said printing device receives first image information from said network port and generates a printed image and a corresponding control image;
a measuring device connected to said network port, wherein said measuring device generates second image information from said control image;
an image server for generating print quality information from said second image information, said image server being located remotely from said printing device and said measuring device and adapted for communication with said printing device and said measuring device over a communication medium, said image server for transmitting said first image information to said printing device and said measuring device for transmitting said second image information to said image server;

wherein the second image information is indicative of a variation between said second image information and predetermined reference information and the print quality information results from a comparison between the second image information and a threshold and wherein said second image information is used to calibrate said printing device.

Claim 61. (New) A remote printing system, comprising:

a network port;

a printing device connected to said network port, wherein said printing device receives first image information from said network port and generates a printed image and a corresponding control image;

a measuring device connected to said network port, wherein said measuring device generates second image information from said control image;

a computer collocated with, and connected to said printing device, said measuring device, and said network port, wherein said computer relays said first image information to said printing device; and said measuring device transmits said second image information to said computer and said computer generates print quality information from said second image information

wherein the second image information is indicative of a variation between said second image information and predetermined reference information and the print quality information results from a comparison between the second image information and a threshold and wherein said second image information is used to calibrate said printing device.

Claim 62. (re-presented – formerly dependent claim 9) A remote printing system, comprising:

a network port;

a printing device connected to said network port, wherein said printing device receives first image information from said network port and generates a printed image and a corresponding control image, said control image comprising an arrangement of predetermined colors which predetermined colors provide identification information;

a measuring device connected to said network port, wherein said measuring device generates second image information from said control image;

wherein the second image information is indicative of a variation between said second image information and predetermined reference information and the second image

information is compared to a threshold to generate print quality information and wherein said second image information is used to calibrate said printing device.

Claim 63. (New) A method of ensuring print quality at a remote location comprising the steps of:

receiving digital image information from a communication medium;
printing an image corresponding to the received digital picture information;
printing corresponding control information and generating a sequence of colors selected from a set of predetermined colors in response to a print job identification number;

generating digital control information from the printed control information;
and,

verifying print quality by comparing the digital control information to a digital reference, determining a variation between the digital control information and the digital reference and comparing the variation to a threshold.

Claim 64. (New) A system for remote printing comprising an image server computer adapted for connection to a remote printing station, said server computer having a memory, a processor, and a network port, wherein said image server computer is configured to perform the steps of:

transmitting digital image source information over said network port for printing an image at the remote printing station wherein the digital image source information includes identification information and wherein the identification information is a sequence of colors selected from a set of predetermined colors in response to a print job identification number;

receiving digital image measurement information from the remote printing station; and,

verifying print quality by comparing the measurement image information to a digital reference, determining a variation between the measurement image information and the digital reference and comparing the variation to a threshold.